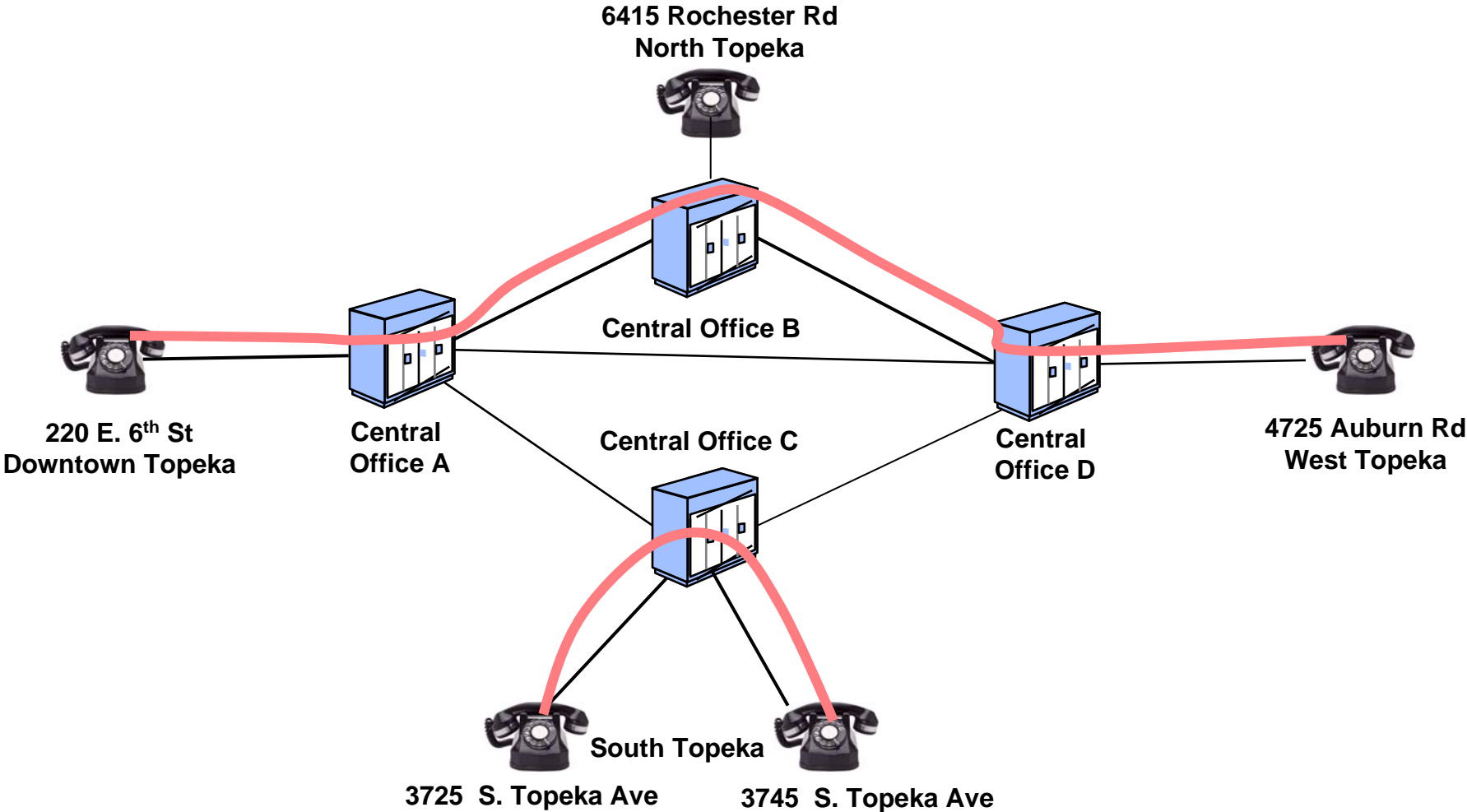




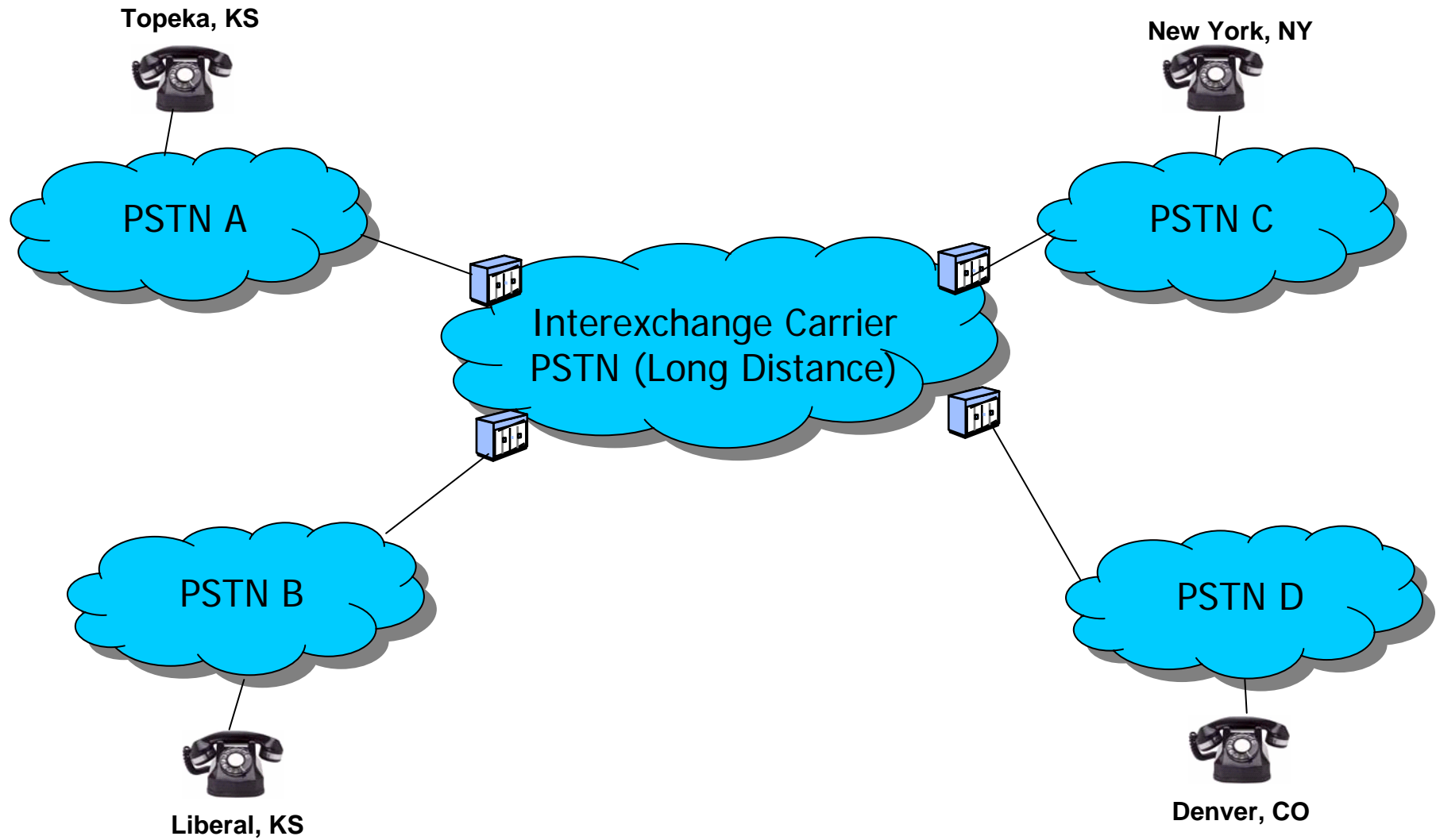
**Public Switched Telephone Network (PSTN)
&
Voice over Internet Protocol (VoIP)
Overview**

Michael Kirksey
General Manager-Emerging Technologies

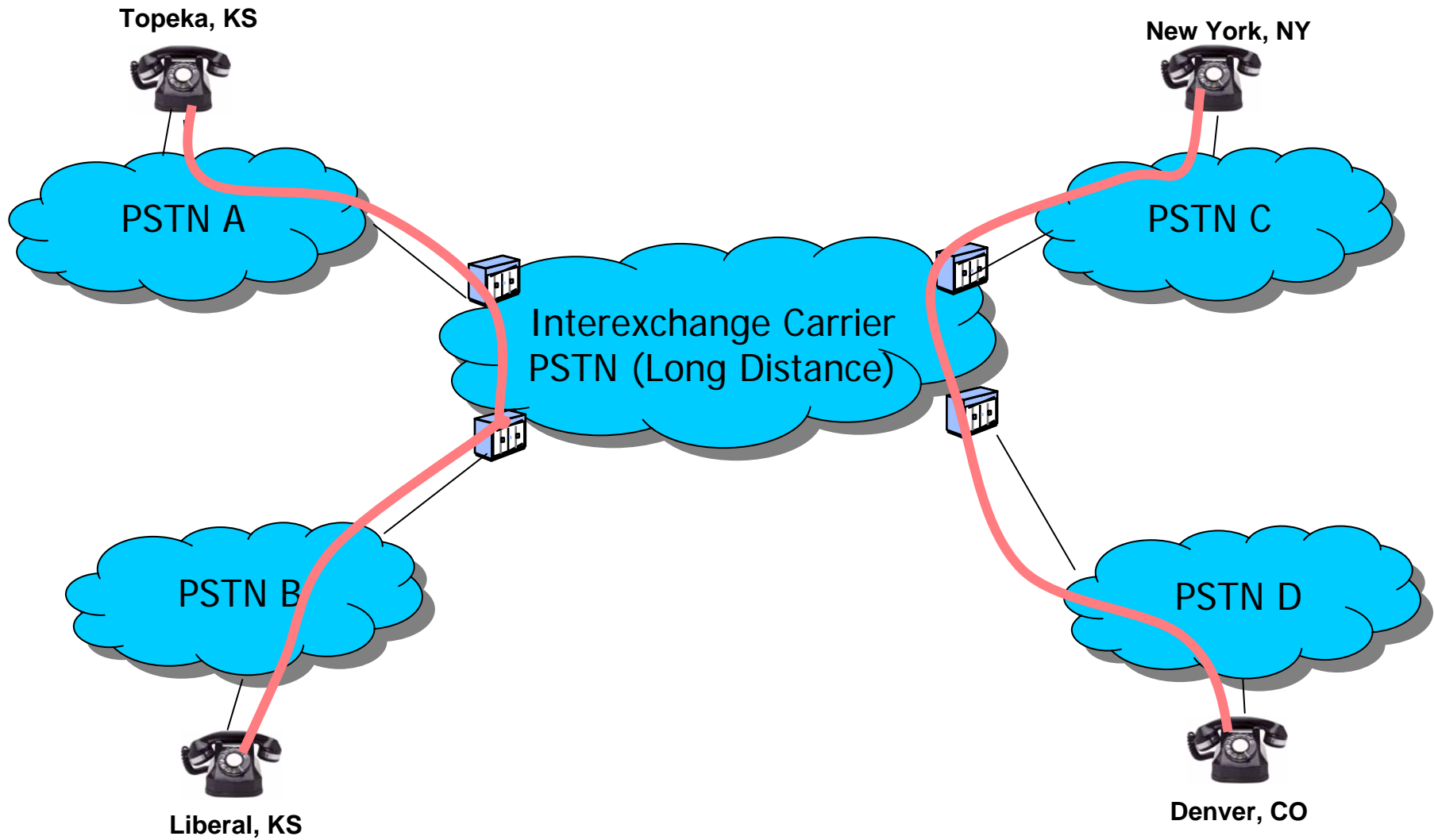
Public Switched Telephone Network (PSTN)



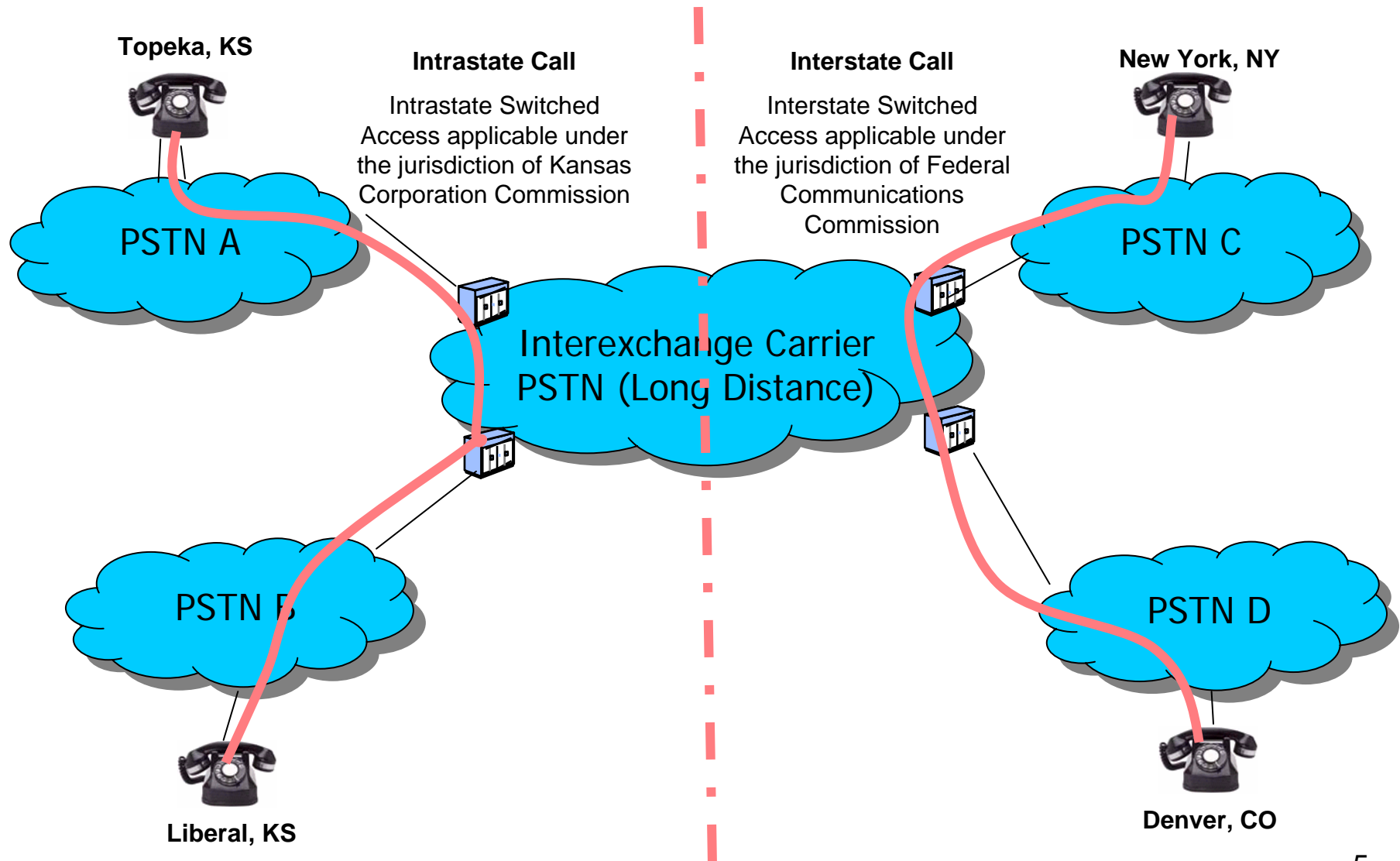
PSTN: Intrastate/Interstate Network Interconnection



PSTN: Intrastate/Interstate Calls



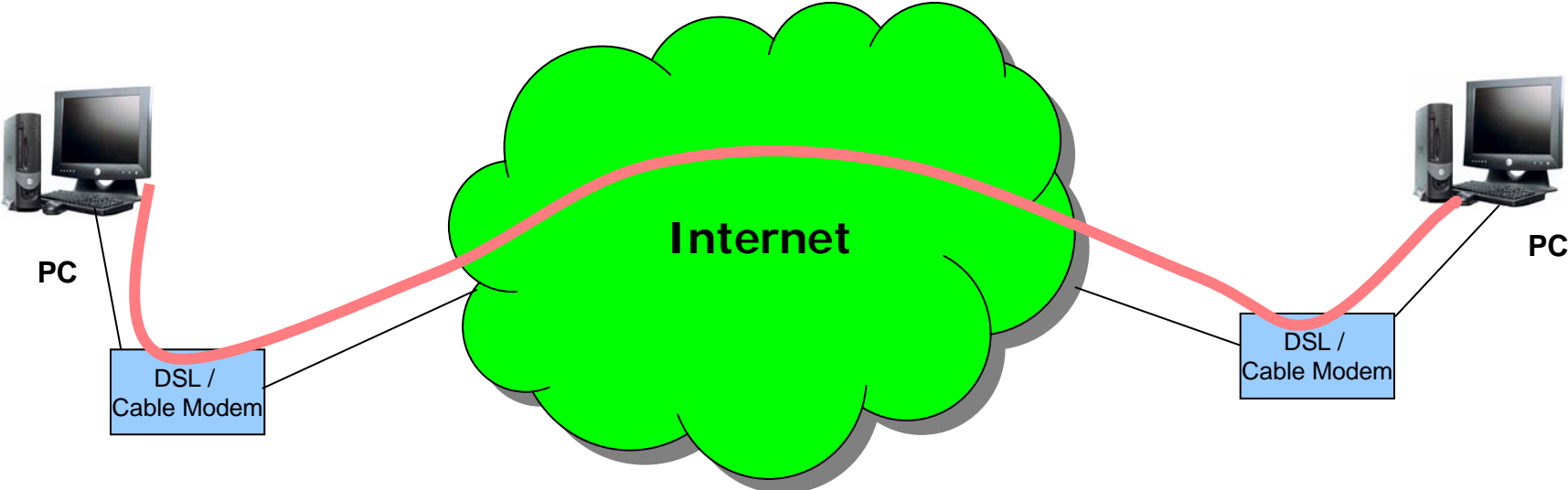
PSTN: Intrastate/Interstate Calls: Switched Access



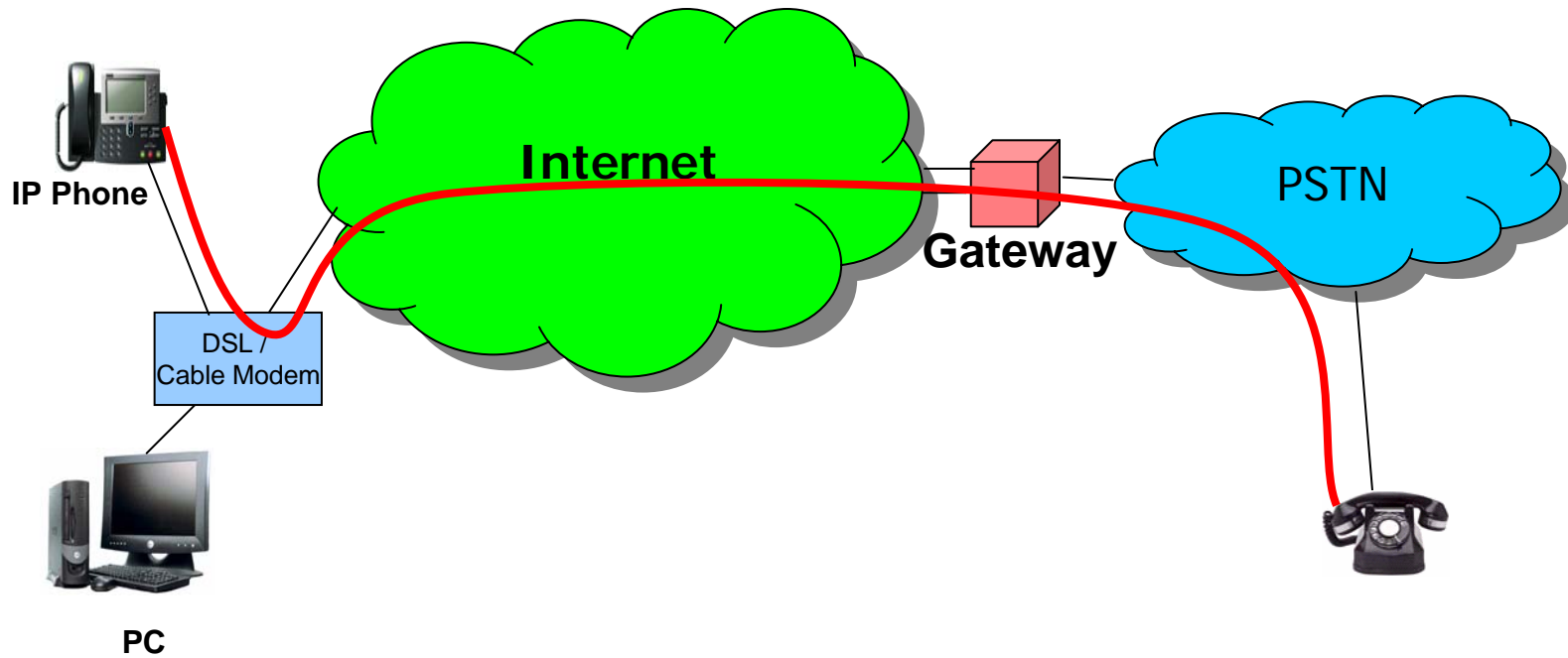
Voice over Internet Protocol (VoIP)

- VoIP converts the voice signal from your phone into a digital source that travels the Internet. The signal is then converted back to human voice form.
- VoIP has been used in various forms for many years.

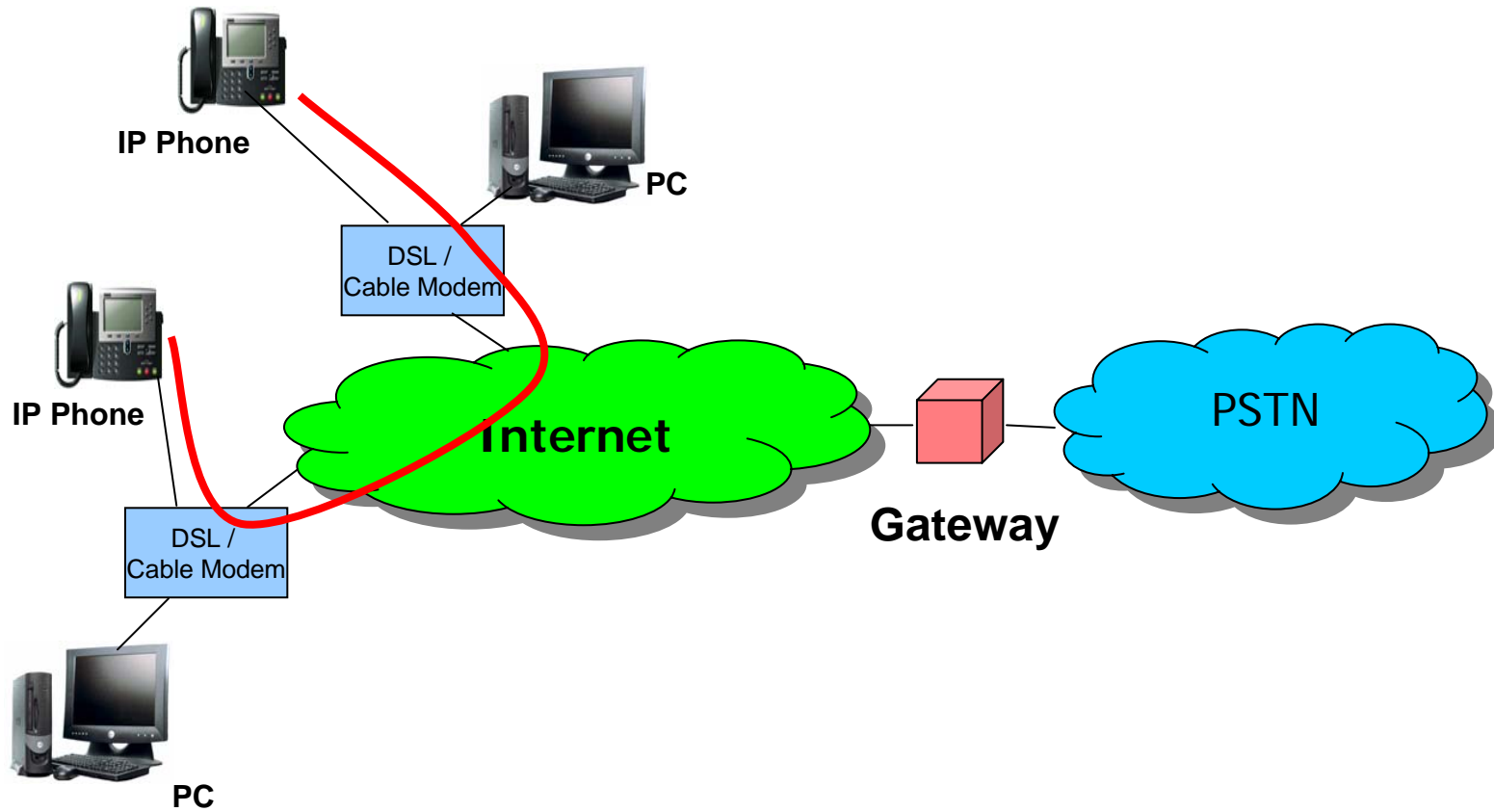
Connecting to the Internet



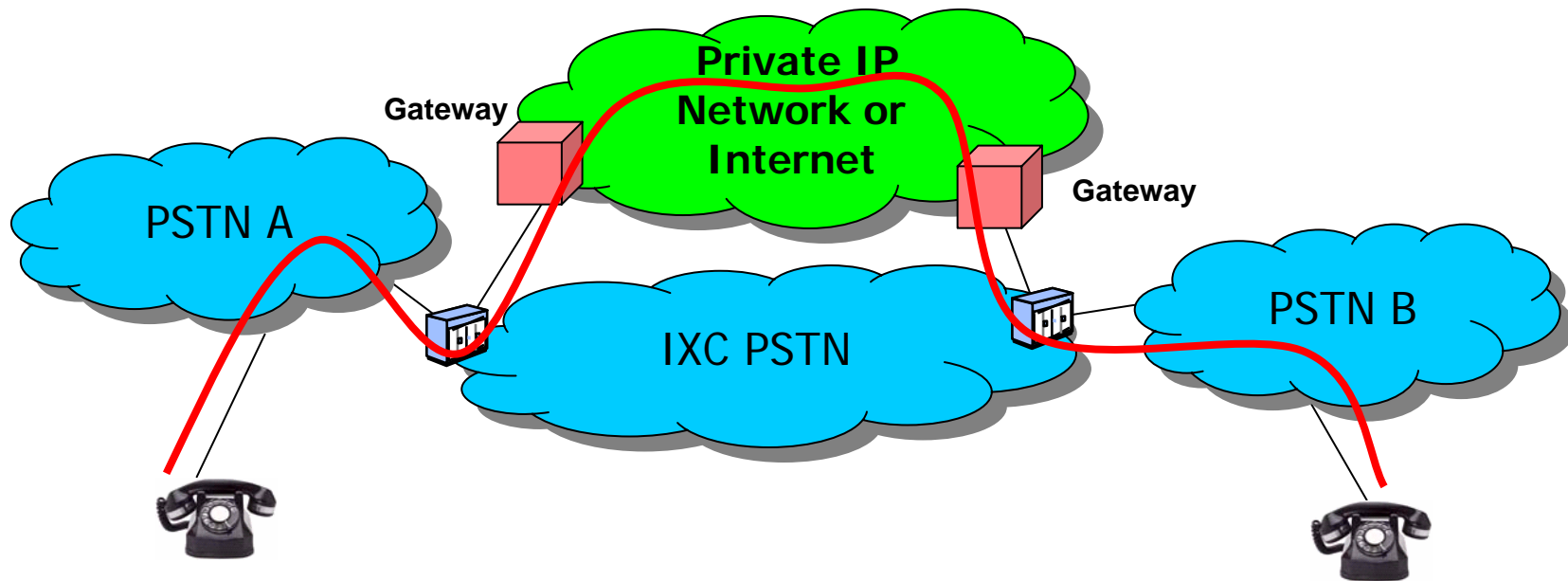
Consumer VoIP: IP Phone to PSTN Phone



Consumer VoIP: IP Phone to IP Phone



Consumer VoIP: PSTN Calls with VoIP Inter-working



VoIP: Industry Penetration Projections

